The following instructions are intended to assist the user in the removal of the existing fuel tank on the WPB-16 Power Buggy and replacing it with another style type fuel tank (2-piece).

**CAUTION:**

Use extreme caution when performing this modification procedure. The possibility exist that vapors from the fuel tank could ignite while the tank is being cut.

**CAUTION:**

Always wear eye protection while cutting the fuel tank.

**Parts**

<table>
<thead>
<tr>
<th>NO.</th>
<th>P/N</th>
<th>PART NAME</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>18098</td>
<td>Tank</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>18103</td>
<td>Cover</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>19633</td>
<td>Grommet</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>0400B</td>
<td>Screw HHC, 5/16-18 x 1/2&quot;</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>0300B</td>
<td>Washer, Flat 5/16&quot;</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>0161C</td>
<td>Washer, Lock 5/16&quot;</td>
<td>4</td>
</tr>
<tr>
<td>7</td>
<td>0131A</td>
<td>Screw, HHC 1/4-20 x 3/4&quot;</td>
<td>1</td>
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<tr>
<td>8</td>
<td>0948</td>
<td>Washer, Flat 1/4&quot;</td>
<td>1</td>
</tr>
<tr>
<td>9</td>
<td>0181B</td>
<td>Washer, Lock Med 1/4&quot;</td>
<td>1</td>
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<tr>
<td>10</td>
<td>18184</td>
<td>Tank Kit (Consist of Items 1 thru 3)</td>
<td>1</td>
</tr>
<tr>
<td>11</td>
<td>18212</td>
<td>Hardware Kit (Consist of Items 4 thru 9)</td>
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</tbody>
</table>

Please read the entire modification instructions before installing the new fuel tank. A modification diagram is provided (Figure 1) on the back side of this instruction sheet for your reference.

**Tools**

- Ratchet set with 7/16-inch socket.
- Crescent Wrench or 7/16-inch open end wrench.
- Flat Blade Screw Driver

**GENERAL SAFETY**

- NEVER operate this equipment without proper protective clothing, shatterproof glasses, steel-toed boots and other protective devices required by the job.
- ALWAYS use extreme caution when working with flammable liquids. DO NOT smoke around or near the machine. Fire or explosion could result from fuel vapors, or if fuel is spilled on a hot engine.
- ALWAYS refuel in a well-ventilated area, away from sparks and open flames.
- ALWAYS allow the engine to cool before performing this modification.
- NEVER work alone. ALWAYS have at least one additional person in the shop.
- DO NOT perform this modification in an explosive atmosphere or near combustible materials. An explosion or fire could result causing severe bodily harm or even death.
- NEVER operate this equipment under the influence or drugs or alcohol.
- ALWAYS know the location of the nearest fire extinguisher and first aid kit. Know the location of the nearest telephone. Also know the phone numbers of the nearest ambulance, doctor and fire department. This information will be invaluable in the case of an emergency.
MODIFICATION PROCEDURE

Removal of Fuel from Fuel Tank
When performing this modification, reference Figure 1.

1. Place the Power buggy on firm level ground and set the parking brake to prevent rolling.
2. Locate the platform release handle (Figure 1A), and place the platform in the down position.
3. Using the dump lever, place the tub in the dump position. This will allow for access to fuel tank mounting screws that are located on the access door.
4. Disconnect the fuel hose from the carburetor, and drain any excess fuel from the fuel tank into a safety container.
5. Wipe the fuel bowl clean, removing all fuel. Wash fuel bowl with detergent if necessary to remove any fuel residue.

CAUTION
Make sure that fuel tank and fuel bowl does not contain any fuel. Remove all fuel or fuel residue.

Existing Fuel tank Removal
1. Remove the black knob attached to the dump lever.
2. Cover the engine compartment underneath the fuel tank with a "drop cloth" (Figure 1A). This drop cloth will be used to catch the shavings as the tank is being cut.
3. Using a "Reciprocating Saw" cut the existing fuel tank as shown in Figure 1. When cutting the fuel tank it might be easier to stand on the operator’s platform.

CAUTION
Make sure that the throttle and stop button cables are clear and DO NOT interfere with the cutting of the fuel tank.

4. Remove all screws that secure the fuel tank to the buggy access door, and the left and right panels. You can keep this hardware when installing the new tank or use the hardware in the supplied kit.
5. Remove the existing fuel tank and discard (Figure 1B)

6. Remove the drop cloth underneath the fuel tank. Using a vacuum or blower remove any excess fuel tank shavings from the engine compartment.

New Fuel tank Modification
1. Remove the fuel shut-off valve that is connected to the fuel bowl on the old fuel tank. DO NOT reuse rubber grommet.
2. Remove the 90-degree fitting that is connected to the breather port on the old fuel tank. DO NOT reuse rubber grommet.
3. Using the two new fuel tank rubber grommets (P/N 19633), install the fuel shut-off valve and 90-degree fitting onto the new fuel tank P/N 18098.

New Fuel tank Cover Modification
1. Enlarge the four attachment holes on the fuel tank cover P/N 18103 to 7/16-inch diameter. See Figure 1D.

Left and Right Panel Modification
1. Drill a new hole 7/16-inch in diameter in the right panel as indicated by Figure 1C. Repeat for left panel.
2. Enlarge the remaining 3 holes on each panel to 7/16-inch diameter.

New Fuel tank Installation
1. Place the fuel tank and cover around the steering column on the Power Buggy.
2. Using the following hardware attach the fuel tank and cover to each other. DO NOT tighten, hand tighten only:
   - 1/4-20 x 3/4" HHC P/N 0131A
   - 1/4 Flat Washer P/N 0948
   - 1/4 Lock Washer P/N 0181B
3. Align the fuel tank and cover with the access door and both left and right panels on the Power Buggy.
4. Using the old or new supply mounting hardware secure the fuel tank and cover with the access door and both left and right panels on the Power Buggy.

NOTE
Hand tighten the twelve HHC screws and associated flat washers, and lock washers before tightening fuel tank into place.
5. Re-install the *black knob* back onto the dump lever.
6. Re-connect the fuel line to the carburetor.
7. Route the breather hose to the appropriate location.
8. Grasp the dump lever and return the tub to the horizontal position.

**Testing**

1. Pour fuel into the fuel tank.
2. Check for fuel leaks. If fuel is leaking, correct the problem immediately. Wipe up any spilled fuel immediately.
3. Start the Power Buggy as outlined in the Operation and Parts manual (Model WPB-16).
A. PLATFORM RELEASE LEVER
   ENGINE COMPARTMENT (COVER WITH PLASTIC OR CLOTH, BEFORE SAWING)

B. REMOVE FUEL TANK MOUNTING HARDWARE 5 PLACES
   LIFT FUEL TANK AND DISCARD
   REMOVE FUEL TANK MOUNTING HARDWARE 6 PLACES

C. DRILL HOLE 7/16" DIAMETER
   ENLARGE HOLE TO 7/16" DIAMETER 6 PLACES

D. INSTALL HARDWARE 8 PLACES
   FUEL TANK P/N 18098
   COVER P/N 18103
   P/N 0948
   P/N 0131A
   INSTALL HARDWARE 4 PLACES
   P/N 0300B
   P/N 0161C
   P/N 0400B

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